

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L4	3658	ion adj (implant\$3 or implantaion) near4 dose	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 10:58
L5	1310	438/455.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 10:55
L6	18	L5 and 4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 10:55
L7	5800	ion adj (implant\$3 or implantaion) near10 dose	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 10:58
L8	33	5 and 7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 10:58
L9	10377	(ion adj (implant\$3 or implantaion) near10 dose and small\$3 depth near7 layer).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 10:59
L10	42	(ion adj (implant\$3 or implantaion) near10 dose and small\$3 depth near7 ion adj implant\$3 adj layer). clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 11:10
L11	286	critical adj dos\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 11:07

## EAST Search History

L12	4	5 and 11	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 11:07
L13	3853	ion adj (implant\$3 or implantaion) near10 dose and small\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 11:11
L14	350	ion adj (implant\$3 or implantaion) near10 dose same small\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 11:33
L15	0	5 and 14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 11:11
L16	905	smart adj cut or smartcut	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 11:12
L17	5	16 and 14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 11:12
L18	920	438/458.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 14:40
L19	19	13 and 18	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 12:06

## EAST Search History

L20	2723	ion adj implant\$4 adj layer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 12:09
L21	92	16 and 20	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 12:08
L22	30	dose near4 20	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 15:49
L23	12	"6191007".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 12:40
L24	2	"6245645".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 13:01
L25	1	ion adj implanting near4 dose and small adj depth	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 13:02
L26	2	ion adj implanting near4 dose and depth near4 ion adj implant\$4 adj layer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 13:03
L27	13	ion adj implant\$5 near4 dose and depth near4 ion adj implant\$4 adj layer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 14:36

## EAST Search History

L28	2	"6429104".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 13:27
L29	0	99/39378	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 13:27
L30	3	"9939378"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 13:27
L31	978	reduc\$4 near5 (surface adj roughness or rms) same polishing	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 14:04
L32	0	small\$3 near4 ion adj implant\$4 same small\$3 adj layer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 14:38
L33	14	small\$3 near4 ion adj implant\$4 same small\$3 near4 layer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 14:38
L34	1310	438/455.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 14:42
L35	0	438/for106.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 14:42

## EAST Search History

L36	5	438/for.106.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 14:45
L37	147	438/for.104.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 15:09
L38	37	((("5998281") or ("6239004") or ("6140210") or ("6238990") or ("6284628") or ("6362076") or ("6380551") or ("6372609") or ("6846718") or ("7029993") or ("6884696") or ("6897124") or ("6998329") or ("5514235") or ("5578504") or ("5538904") or ("5478408") or ("5702973") or ("5804494") or ("5998281") or ("6004866") or ("5918139") or ("6239004") or ("6140210") or ("6238990") or ("6284628") or ("6362076") or ("6284629") or ("6245645") or ("6312797") or ("6372609") or ("6461939") or ("6716722") or ("6306730") or ("6796732") or ("6846718") or ("6596610") or ("6566233") or ("6784494") or ("6900113") or ("6959854") or ("6902988") or ("6884696") or ("6720640") or ("6998329") or ("7084046") or ("7052974"))).PN.	USPAT	OR	OFF	2006/09/25 15:00
L39	1	10/473352.app.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 15:00
L40	182	438/for.448.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 15:38

## EAST Search History

L41	761	257/e21.568.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 15:24
L42	635	257/e21.567.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 15:13
L43	212	257/e21.569.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 15:13
L44	336	(depth or height) near4 (ion adj implant\$4 or ion adj implantation) same (dose or amount) near4 (ion adj implant\$4 or ion adj implantation)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 16:40
L45	21	41 and 44	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 15:25
L46	4	(depth or height) near4 (proton adj implant\$4 or proton adj implantation) same (dose or amount) near4 (proton adj implant\$4 or proton adj implantation)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 15:31
L47	2	42 and 44	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 15:31
L48	0	43 and 44	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 15:30

## EAST Search History

L49	289	438/456.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 15:38
L50	5	bruel.in. and smart adj cut	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 15:50
L51	35	("20040029358"   "4179324"   "4704302"   "4931405"   "5034343"   "5110748"   "5198371"   "5234535"   "5250446"   "5256581"   "5310446"   "5374564"   "5413951"   "5494835"   "5524339"   "5559043"   "5567654"   "5618739"   "5622896"   "5633174"   "5661333"   "5714395"   "5804086"   "5817368"   "5863830"   "5863832"   "5897331"   "5993677"   "6020252"   "6048411"   "6294478").PN. OR ("6809009"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/25 15:50
L52	72	("4717683"   "5196355"   "5374564").PN. OR ("5494835"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/25 16:03
L53	1	10/522413.app. and dose	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 16:25
L54	2	"6352909".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 16:25
L55	29	("4846931"   "5250460"   "5374564"   "5877070"   "5994207"   "6191007"   "6255195").PN. OR ("6352909").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/25 16:32
S1	2	"6249104".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 08:25

## EAST Search History

S2	2	"6429104".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 08:25
S3	814	smart adj cut	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 08:26
S4	497374	insulat\$4 adj (layer or liner or film)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 08:26
S5	544	S3 and S4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 08:26
S7	55714	planarizing or planarization	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 08:27
S8	162	S5 and S7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 08:28
S9	1310	438/455.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 08:28
S10	115	S4 and S7 and S9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 08:30



## EAST Search History

S11	8779	ion adj implantation near7 energy	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 08:31
S12	7243	ion adj implantation near4 energy	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 08:31
S13	45	S9 and S12	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 10:54